INTERNATIONALSEARCHREPORT

International application No PCT/JP2005/018601

CLASSIFICATION OF SUBJECT MATTER

Int C1 G1 1B7/0045 (2006. 01), G1 1 B1/00 7 (2006. 01), G1 1B7/125 (2006.01)

According to International Patent Classification (IPC) or to both national classification and IPC

B FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int CI G11B7/00 - 7/013, G11B7/12 - 7/22

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Separates utility model application of Jopan 1971-2060
National registered but specified upstactions of Jopan 1971-2060
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
Y	JP 10-283688 A (Nikon Corporation) 1998.10.23, paragraph 0011, 0023-0025, figure 6 & EP 0905685 A	1-26
Y	JP 2004-2 95940 A (Ricoh Company, Ltd.) 2004.10.21, paragraph 0012, 0068 & US 2005/0025013 A	1-26
Y	JP 8-124159 A (Teac Corporation) 1996.05.17, paragraph 0006 (Family: none)	3,16
Y	JP 9-330519 A (Hitachi, Ltd.) 1997.12.22, paragraph 0014 & US 5974021 A	7,8,20,21
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-	Special categories of cited documents document defining the general state of the art which is oot considered to be of particular relevance		later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	
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Date of the actual completion of the international search		Date of mailing of the international search report		
16.01.2006		24.01.2006		
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3-4-3, Kasumigaseki, Chiyoda-ku, Tokyo 100-8915, Japan		Telephone No 101-3 3301 1 Tot Exti		

See patent family annex

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